

## CONSERVATION (Energy)

### GENERAL INFORMATION

Conservation is the careful management, use and preservation of natural resources and the environment. It requires using what we need to perform our jobs and live healthy, comfortable lives without being wasteful.

In Hawaii, over 70% of our electricity is generated from imported crude oil. The economic and environmental impacts associated with the importation and the burning of fossil fuels requires that we alter our lifestyles to reduce our dependence on fossil fuel.

Did you know that USAG-HI is the 2nd largest consumer of electricity on the island? In FY 09 USAG-HI spent \$55 million on electricity. Think about this; even if we only save 5 percent on our utility bill - that's over 2.5 million we can use to meet other mission and quality of life needs.

Energy conservation is based on two factors: technology and human behavior. From a technology stand point, USAG-HI is making a concerted effort to build its new and retrofit its older facilities to ensure that energy systems are operating as efficiently as possible in accordance with the Leadership in Energy and Environmental Design (LEED) standards whenever possible.

From a human factor stand point, each of us has the responsibility to make a concerted effort to reduce our energy consumption and adhere to the USAG-HI energy policy by turning lights, air conditioning and office equipment off when not in use.

### BUILDING ENERGY MONITOR (BEM) PROGRAM

Each military unit, directorate, contractor and tenant is required to appoint a Unit Energy Conservation Officer (UECO) and Building Energy Monitor (BEM) and to fully participate in the Garrison's conservation program.

The appointed BEM is responsible for ensuring energy-saving measures are being enforced in each building and to provide regular reports showing how well people within their area are doing at conserving energy.

### WHAT YOU MUST DO

*The following practices will help conserve energy:*

**Step 1:** Appoint a UECO in your organization.

**Step 2:** UECO appoints BEMs to all buildings.

**Step 3:** Take the training offered once per month the DPW System Sustainability Division.

**Step 4:** Complete the online BEM checklist once per month at: <https://dpwhawaii.army.mil/20apps/bem>



by

For more info contact: DPW Engineering Branch (Energy & Water Conservation)